

FIG. 1(PRIOR ART)

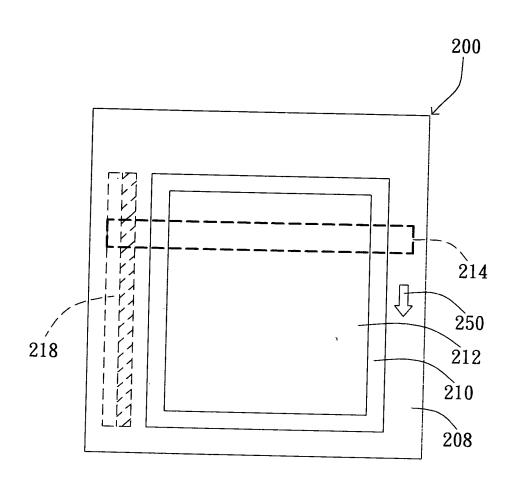


FIG. 2

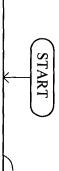


Scan a document and a longitudinal black and white pattern, in order to produce actual gray level values of the pixels with respect to each of the scanning lines and the document, and a correctional gray level value for complete black as well as a correctional gray level value for complete white with respect to the longitudinal black and white pattern.

A compensational gray level value is obtained according to the correctional gray level value for complete black, the correctional gray level value for complete white, a theoretical gray level value for complete black, a theoretical gray level value for complete white, and the actual gray level value for each of the pixels.

FIG. 3

END



Scan a document and a longitudinal complete white pattern, in order to produce actual gray level values of the pixels with respect to each of the scanning lines and the document, and a correctional gray level value for complete white with respect to the longitudinal complete white pattern.

A compensational gray level value is obtained according to the correctional gray level value for complete white, a theoretical gray level value for complete white, and the actual gray level values for each of the pixels.

11G. 4

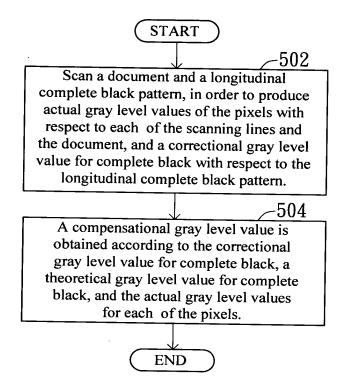


FIG. 5